

Heritage Rank Status Factors

Elcode NFSM000031
Gname CLAVULINA CASTANEOPE VAR LIGNICOLA

Gcomname

Number of Occurrences

C = 21- 80

Comments There are 22 records within its range in the Pacific Northwest.

Number of Occurrences with Good Viability

C = Few (4-12) occurrences with good viability

Comments There are 4 occurrences in protected sites.

Population Size

U = Unknown

Comments This is a species that grows on duff. I have seen it fruiting pretty abundantly in one location but it is hard to know how big the individuals or populations are.

Range Extent

G = 200,000-2,500,000 km² (about 80,000-1,000,000 square miles)

Comments It is known from a total of 13 locations. It occurs in British Columbia, western WA, coastal forests in OR and coastal forests in northern CA.

Area of Occupancy

A = <0.4 km² (less than about 100 acres)

LA = <4 km (less than about 2.5 miles)

Comments

Long-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Long-term trend in population, range, area occupied, or number or condition of occurrences unknown

Comments

Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Short-term trend in population, range, area occupied, and number and condition of occurrences unknown.

Comments

Threats

C = Substantial, non-imminent threat. Threat is moderate to severe but not imminent (> 10 years) for most of the population, occurrences, or area.

Scope High Severity High Immediacy Unknown

Comments This species is associated with late successional forests and is susceptible to soil compaction.

Number of Appropriately Protected and Managed Occurrences

C = Several (4-12) occurrences appropriately protected and managed

Comments There are 4 occurrences in protected sites.

Intrinsic Vulnerability

B = Moderately Vulnerable. Species exhibits moderate age of maturity, frequency of reproduction, and/or fecundity such that populations generally tend to recover from decreases in abundance over a period of several years (on the order of 5-20 years or 2-5 generations); or species has moderate dispersal capability such that extirpated populations generally become reestablished through natural recolonization (unaided by humans). Ecological community occurrences may be susceptible to changes in composition and structure but tend to recover through natural processes given reasonable time (10-100 years).

Comments This species is associated with late successional forests and is susceptible to soil compaction.

Environmental Specificity

B = Narrow. Specialist or community with key requirements common.

Comments Mycorrhizal species

Other Considerations

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Reasons

This variety is uncommon. It is known from a total of 13 locations. It occurs in British Columbia, western WA, coastal forests in OR and coastal forests in northern CA. 4 out of 22 occurrences are in protected sites. It is susceptible to logging activities such as soil compaction.

BCD Sources

Castellano, M.A., E. Cazares, B. Fondrick and T. Dreisbach. 2002. Handbook to additional fungal species of special concern in the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-xxx. Portland, OR; U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. xxx p. (In press)
Petersen, R.H. 1964. Notes on clavarioid fungi I. The *Clavulina castaneopes* complex. *Mycologia* 56:20-28.

New Sources